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1 of 7

Straight Hemp Full Spectrum CBD Oil

Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client

Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608 Lic. #: 403940



Summary Test Cannabinoids Heavy Metals Microbials Mycotoxins Pesticides **Residual Solvents** Terpenes

Date Tested 09/22/2023 09/19/2023 09/20/2023 09/21/2023 09/21/2023 09/22/2023 09/21/2023

Status Tested Tested Tested Tested Tested Tested Tested

1.84 mg/mL Total ∆9-THC 33.8 mg/mL Total CBD

40.0 mg/mL **Total Cannabinoids**

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

Yes

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)
CBC	0.00095	0.00284	1.98531	0.218
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	32.59367	3.57
CBDA	0.00043	0.0013	1.33714	0.147
CBDV	0.00061	0.00182	0.26119	0.0286
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.54477	0.0597
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.06253	0.00686
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.26324	0.0289
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	1.07417	0.118
Δ8-ΤΗС	0.00104	0.00312	ND	ND
Δ9-ΤΗС	0.00076	0.00227	1.83634	0.201
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-ΤΗCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			1.84	0.201
Total			40.0	4.38

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA* 0.877 + Δ9-THC, Total CBD = CBDA* 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 09/22/2023

Tested By: Nicholas Howard Scientist Date: 09/22/2023







ISO/IEC 17025:2017 Accredited Accreditation #108651

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Straight Hemp Full Spectrum CBD Oil

Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client

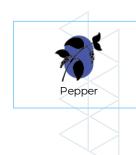
Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608

Lic. #: 403940

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.0591	Limonene	0.002	0.01	0.0253
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	<loq< td=""></loq<>
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	0.0923
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.103	trans-Nerolidol	0.002	0.01	<loq< td=""></loq<>
Caryophyllene Oxide	0.002	0.01	0.0102	Ocimene	0.002	0.01	ND
α -Cedrene	0.002	0.01	ND	α -Phellandrene	0.002	0.01	ND
Cedrol	0.002	0.01	ND	α -Pinene	0.002	0.01	0.0231
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	0.0101
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	<loq< td=""><th>Sabinene</th><td>0.002</td><td>0.01</td><td>ND</td></loq<>	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	ND
Guaiol	0.002	0.01	0.0201	γ-Terpinene	0.002	0.01	ND
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	<loq< td=""></loq<>
α -Humulene	0.002	0.01	0.0493	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	<loq< td=""></loq<>
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			0.414

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit









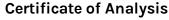


Generated By: Ryan Bellone

CCO Date: 09/22/2023 Tested By: Jasper van Heemst Principal Scientist

Date: 09/21/2023







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Straight Hemp Full Spectrum CBD Oil

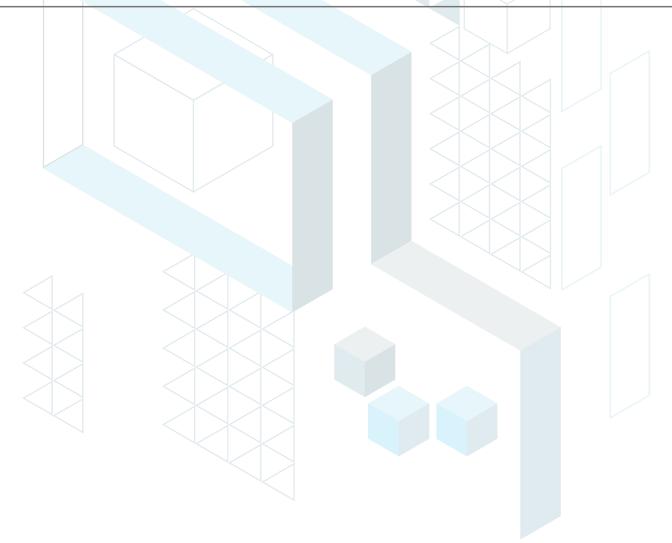
Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608 USA Lic. #: 403940

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 09/22/2023 Tested By: Chris Farman Scientist Date: 09/19/2023



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Straight Hemp Full Spectrum CBD Oil

KCA Laboratories

232 North Plaza Drive

Nicholasville, KY 40356

Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 **Client** Straight

Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608 USA Lic. #: 403940

Pesticides by LC-MS/MS

Analysis	LOD	LOQ	Result	Austra	LOD	LOQ	Result
Analyte	(ppb)	(ppb)	(ppb)	Analyte	(ppb)	(ppb)	(ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100	ND	Spinosad	30	100	ND
Fenoxycarb	30	100	ND	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

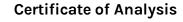
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO

Date: 09/22/2023

Tested By: Jasper van Heemst Principal Scientist Date: 09/21/2023







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Straight Hemp Full Spectrum CBD Oil

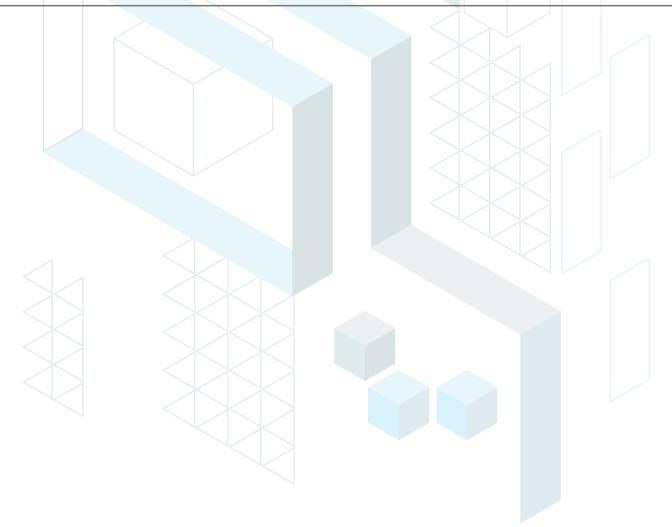
Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608 USA Lic. #: 403940

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

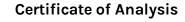


Generated By: Ryan Bellone CCO Date: 09/22/2023

Tested By: Jasper van Heemst Principal Scientist Date: 09/21/2023



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Straight Hemp Full Spectrum CBD Oil

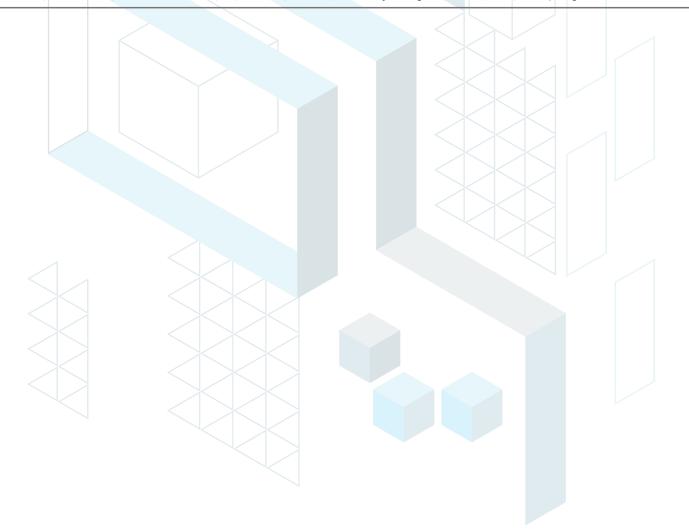
Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608 USA Lic. #: 403940

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

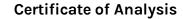
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 09/22/2023

Tested By: Matt Zachman Laboratory Technician Date: 09/20/2023

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Straight Hemp Full Spectrum CBD Oil

Sample ID: SA-230913-27046 Batch: 0023256 Type: Finished Product - Ingestible Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Collected: 09/13/2023 Received: 09/15/2023 Completed: 09/22/2023 Client

Straight Hemp 4927 SW 41st Blvd, Ste 40 Gainesville, FL 32608

Lic. #: 403940

Residual	Cal	lva nta	h., U	CCC	MC
Residua	301	vents	руп	3-GC	

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND ND	Methanol	100	300	ND
1.2-Dichloroethane		300	ND		100	29	ND ND
, , , , , , , , , , , , , , , , , , , ,	0.5	10		2-Methylbutane			
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 09/22/2023

Tested By: Scott Caudill Laboratory Manager Date: 09/22/2023

